

There are 4 categories of parts required to build a vacuum press system.

1. Vacuum pump or venturi
2. Main kit components (available in kits from us)
3. Miscellaneous hardware store items (for V2 and EVS kits)
4. Vacuum bag

**- Vacuum Press Kits and Systems -**

	<b>Project: V2 Standard Auto-Cycling Venturi System</b>	<b>Project: V2 Plus Auto-Cycling Venturi System</b>	<b>Project: V2 Premium Auto-Cycling Venturi System</b>	<b>Project: EVS Pump System Auto-Cycling +Thomas 3 CFM Pump</b>	<b>Project: EVS Pump System Auto-Cycling +Gust 5.5 CFM Pump</b>	<b>Excel 1™ Vacuum Press Continuous Run Pump System</b>	<b>Excel 5™ Vacuum Press Continuous Run Pump System</b>
<b>Type</b>	Auto-Cycling	Auto-Cycling	Auto-Cycling	Auto-Cycling	Auto-Cycling	Continuous	Continuous
<b>Max Bag Size</b> Flat work: Curved work:	4' x 4' 2' x 4'	4' x 8' 4' x 4'	4' x 12' 4' x 6'	4' x 8' 4' x 4'	4' x 12' 4' x 6'	4' x 4' 2' x 4'	4' x 12' 4' x 6'
<b>Vacuum CFM</b>	1.2 CFM	3.2 CFM	5.5 CFM or 9 CFM	3.15 CFM	5.5 CFM	1.1 CFM	5.5 CFM
<b>Max Pressure</b>	28"	28"	28"	25.5"	25.5"	25.5"	25.5"
<b>Max Force</b>	1800 lbs per square ft.	1800 lbs per square ft.	1800 lbs per square ft.	1800 lbs per square ft.	1800 lbs per square ft.	1800 lbs per square ft.	1800 lbs per square ft.
<b>Adjustable Vacuum</b>	Yes – vacuum controller	Yes – vacuum controller	Yes – vacuum controller	Yes – vacuum controller	Yes – vacuum controller	Yes – bleeder valve	Yes – bleeder valve
<b>Air Compressor Requirement</b>	2.1 CFM @ 80 psi with approx 5 gallon tank	4.8 CFM @ 80 psi with approx 12 gallon tank	7.8 CFM or 12.5 CFM @ 80 psi with approx 25 gallon tank	None	None	None	None
<b>Noise</b>	68 dB	68 dB	68 dB	74 dB	74 dB	45 dB	74 dB
<b>Lock-On Connector</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Build Time (approx)</b>	2 to 3 hours	2 to 3 hours	2 to 3 hours	4 to 6 hours	4 to 6 hours	20 to 30 minutes	20 to 30 minutes
<b>Additional items required (that are not included with the kit)</b>	Miscellaneous parts from the hardware store and a vacuum bag	Miscellaneous parts from the hardware store and a vacuum bag	Miscellaneous parts from the hardware store and a vacuum bag	Miscellaneous parts from the hardware store, vacuum pump and a vacuum bag	Miscellaneous parts from the hardware store, vacuum pump and a vacuum bag	Vacuum bag (Pump is included in kit)	Vacuum bag (Pump is included in kit)
<b>Kit Price</b>	\$159.95	\$169.50	\$269.99 or 317.99	\$179.95	\$179.95	\$349.00	\$459.00
<b>Kit Price (On Sale)</b>	\$139.50	\$149.50	\$235.00 or \$283.00	\$148.90	\$148.90	\$299.50	\$399.50
<b>Approximate Cost to Build</b>	\$169.50 (estimated)	\$179.50 (estimated)	\$265 or \$313 (estimated)	\$313.00 (estimated)	\$503.00 (estimated)	\$299.50	\$399.50
<b>Vacuum Clamping</b>	Yes, w/ optional kit (\$82.50)	Yes, w/ optional kit (\$82.50)	Yes, w/ optional kit (\$82.50)	Yes, w/ optional kit (\$82.50)	Yes, w/ optional kit (\$82.50)	Yes, w/ optional kit (\$29.90)	Yes, w/ optional kit (\$29.90)
<b>Vacuum Chucking</b>	Yes (small projects only)	Yes	Yes	Yes	Yes	Yes (small projects only)	Yes
<b>Vacuum Forming</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Instructions</b>	Website, PDF	Website, PDF	Website, PDF	Website, PDF	Website, PDF	PDF	PDF
<b>Advantages</b>	Great for small compressors, very easy to build and ultra-reliable.	Very reliable and easy to build. Great vacuum speed at a super low cost.	Not only is it easy to build, it's also reliable and quite speedy.	Very fast vacuum draw, fully adjustable, highly adaptable to other uses.	Very fast vacuum draw, fully adjustable, highly adaptable to other uses.	Fully adjustable and very quiet. Makes vacuum clamping a breeze.	Fully adjustable and can handle very large vacuum bags. Great for vacuum clamping.
<b>Disadvantages</b>	It's not as fast as most users would prefer but it does draw 25.5" of Hg.	Requires a moderate size compressor but it's very efficient with the air.	Requires a decent size air compressor and uses a lot of air while creating vacuum.	A bit heavy and takes a little more time to build than an air-powered system.	A bit heavy and takes a little more time to build than an air-powered system.	Limited to a maximum 4' x 4' bag, but few users need anything larger.	A bit loud and is best for commercial or industrial environments.
<b>Comments</b>	If your compressor will allow it, spend an extra 10 bucks to get the "Plus" model.	This kit gives you the most bang for your buck. This is my favorite system.	The powerhouse of the air driven systems. Worth its weight in gold if your compressor will support it.	Perfect for users who need portability or those who want an all-electric vacuum press system.	Perfect for users who need portability or those who want an all-electric vacuum press system.	Need a system quickly? This is it. Get the clamping add-on. It's worth the 25 bucks.	Surprisingly powerful. A great choice if the volume isn't an issue. The clamping add-on is worth the 25 bucks.
<b>Image</b>							